Appl. No.: 10/716,651
Amdt.dated 12/15/2005
Reply to Office action of 09/09/2005

Amendments to the Specification:

Please replace the paragraph bridging pages 5 and 6 with the following replacement paragraph:

-- The rotary apparatus **10** includes a housing **12** that defines an inlet **14** and an outlet **16**. A rotor **30**, which in this case is a turbine wheel, is rotatably mounted in the housing **12** and configured to rotate with the passage of gas through the housing **12**. Thus, gas enters the inlet **14** flowing in a direction **15** generally ~~tangential~~ perpendicular to the longitudinal axis of the rotor **30** and a shaft **50**, flows circumferentially in a volute **18** extending circumferentially around the rotor **30**, and then flows generally radially inward through a nozzle **20** to the rotor **30**. The gas exerts pressure on a plurality of radially extending blades **32** on the rotor **30**, thereby turning the rotor **30**. The gas then flows in a generally axial direction **17** out of the outlet **16** of the housing **12**. The rotor **30** is connected to the shaft **50** such that the shaft **50** turns as the rotor **30** is rotated. As used in a turbocharger, the shaft **50** typically extends through a center housing (not shown), where bearings can support the shaft **50** and oil can be provided for lubrication and cooling. Opposite the center housing from the turbine **10**, the shaft **50** can be connected to a compressor wheel (not shown) in a compressor such that the compressor is rotatably operated as the turbine **10** rotates the shaft **50**. --